Installation Guide

RMC 7150: 14” short depth server with two Intel Xeon processors

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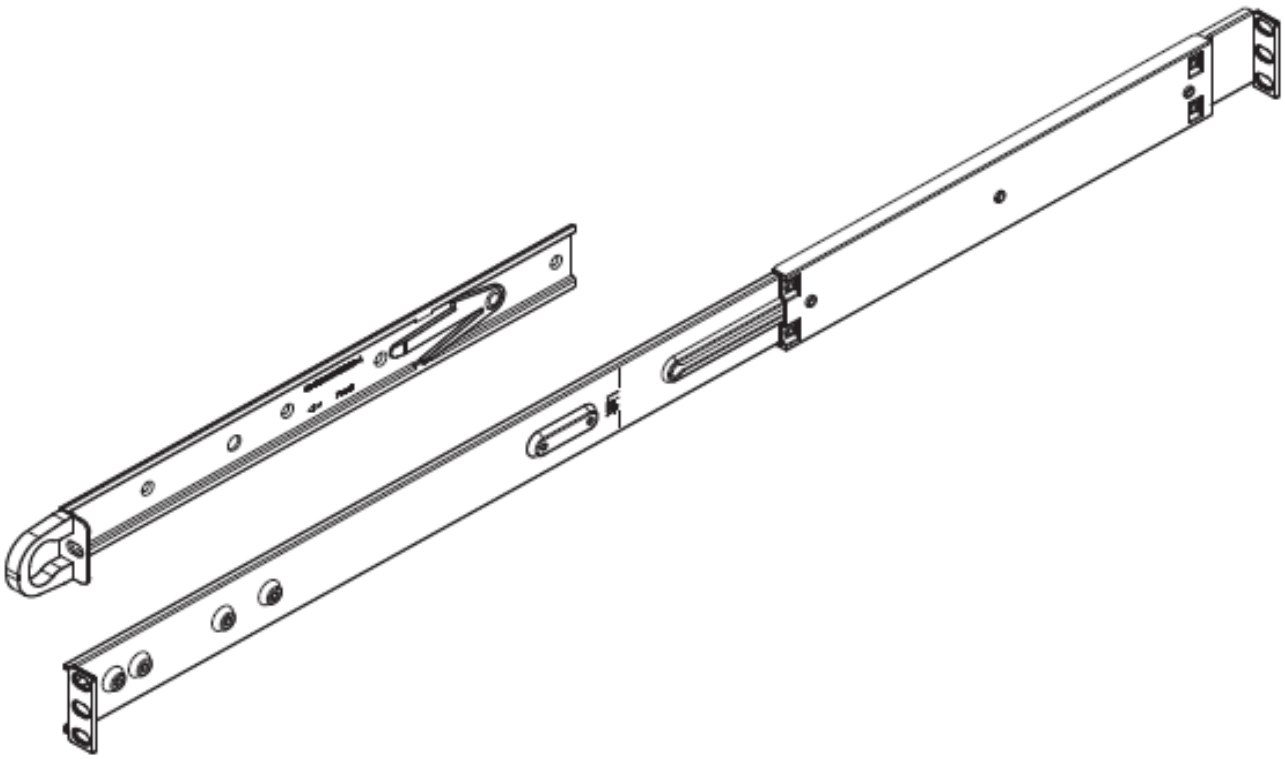
2.4 Installing the System into a Rack

This section provdes information on installing the RMC 7150 into a rack unit. If the sysetm has already been mounted into a rack, you can skip ahead to sections 2-5 and 2-6.

Basic Installation Procedure

The RMC 7150 server comes with two rack mounting brackets, which are located on each side at the front of the chassis. To mount the system into a rack, simply screw these brackets directly to the front of the rack (two screws for each bracket). As figure 2-1 shows. The brackets can be located at the front of the chassis or moved approximately one-third to the rear of the chassis.

Figure 2-1. Identifying the Sections of the Rack Rails



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Installing with Rackmount Kit

This is a guideline for installing the unit into a rack with the optional rack kit. You should also refer to the Installation Instructions that came with the rack unit you are using. Be aware that there are a variety of rack units on the market, which may mean the assembly procedure will differ slightly.

The rack harware includes two assblies that consists of two sections: an Inner rail that secures to the chassis and an outer rail that secures directly to the rack itself.

Installing the Chassis Rails

1. Detatch the two rail sections from each other by depressing the locking tab on the innter rail to release it from its locked position, then pull the two rails completely apart.

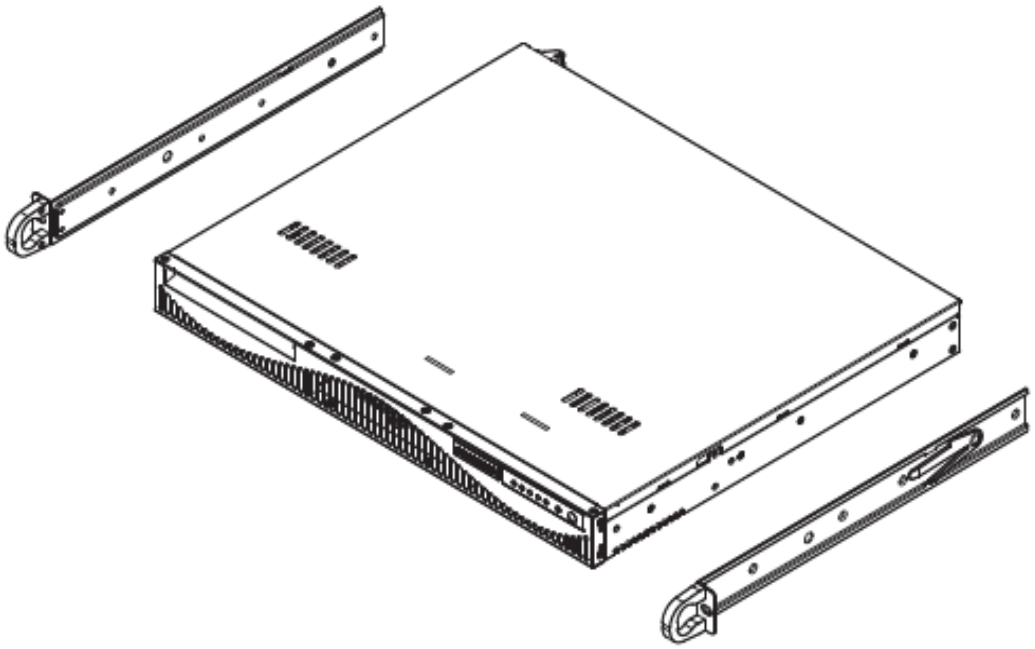
2. Repeat step 1 for the remaining rail assemble.

3. Position the fixed chassis rail sections you just removed along the side of the chassis making sure the three screw holes line up. Noe that the rails are left/right side specific.

4. Screw the rail securely to the side of the chassis. Repeat this procedure for the other rail on the other side of the chassis. You will also need to attatch the rail brackets when installing into a telco rack.

Locking Tabs: Both chassis rails have a locking tab, which serves two functions. This first is to lock the server into place when installed and pushed fully into the rack, which is its normal position. Secondly, these tabls also lock the server in place when fully extended from the rack. This prevents the server from coming completely out of the rack when you pull it out for servicing.

Figure 2-2. Installing Chassis Rails



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2.1 USB 1/2 Connector

1. Determine where you want to place the RMC 7150 in the rack.

2. Position the fixed rack rail/sliding rail guide assemblies at the desired location in the rack, keeping the sliding rail guide facing the inside of the rack.

3. Screw the assembly securely to the rack using the brackets provided.

4. Attatch the other assemble to the other side of the rack, making sure that both are at the exact same height and with the rail guides facing inward.

Installing the Server into the Rack

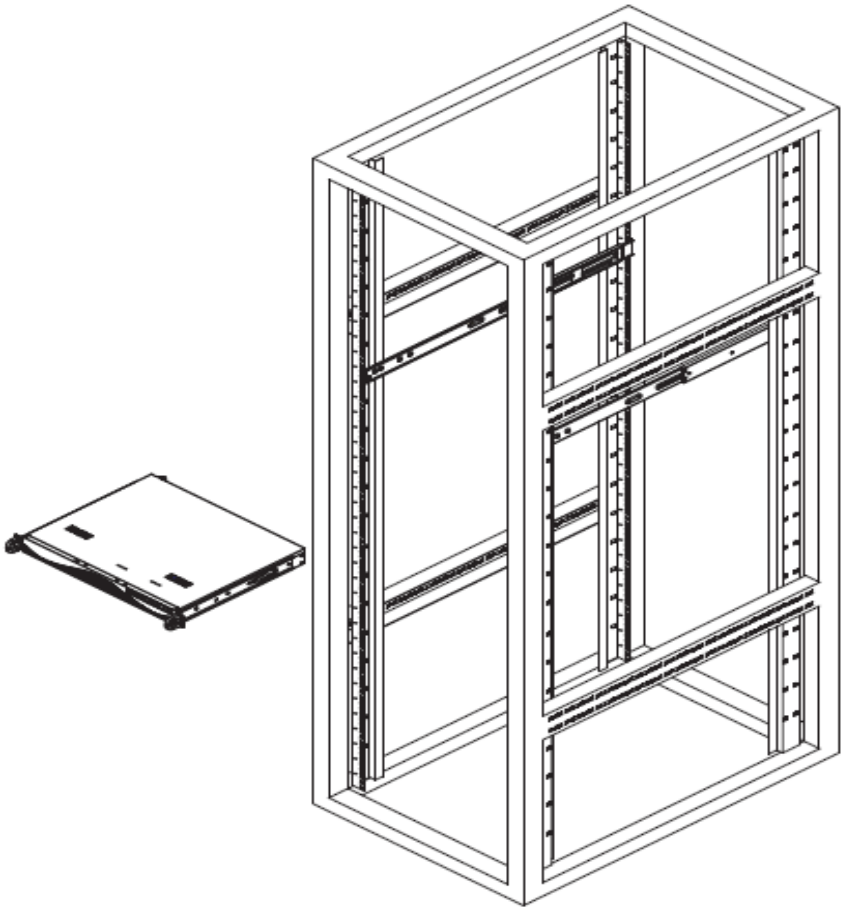
You should now have rails attatched to both the chassis and the rack unit. The next step is to install the server into the rack.

1. Line up the rear of the chassis rails with the front of the rack rails.

2. Slide the chassis rails into the rack rails, keeping the pressure even on both sides. See Figure 2-3.

3. When the server has been pushed completely into the rack, you should hear the locking tabs “click.”

4. Finish by inserting and tightening the thumbscrews that hold the front of the server to the rack.



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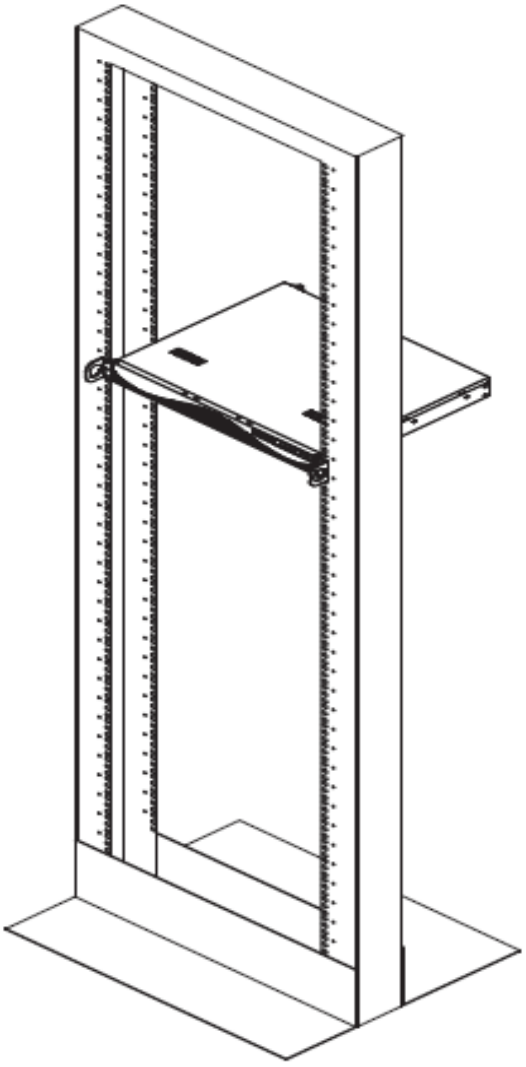
Installing the Server into a Telco Rack

If you are installing the RMC 7150 into a Telco type rack, follow the directions given on the previous pages for rack installation. The only difference in the installation procedure will be the positioning of the rack brackets to the rack. They should be spaced apart just enough to accomodate the width of the telco rack.



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